

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File	_____	Checked by Chief	_____
Entered On S R Sheet	_____	Copy NID to Field Office	_____
Location Map Pinned	_____	Approval Letter	_____
Card Indexed	✓	Disapproval Letter	_____
IWR for State or Fee Land	_____		

COMPLETION DATA:

Date Well Completed	7-3-29	Location Inspected	_____
OW	WW	TA	_____
GW	OS	PA	State of Fee Land

LOGS FILED

Driller's Log 6-18-29

Electric Logs (No.) None

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat. _____ Mi-L _____ Sonic _____ Others _____

Geology Log

Sub report of abandoned well No. 1
P&A 3-16-66

RECEIVED

DEC
12

1927

GEOL SURVEY
CASE NO.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. LAND OFFICE SALT LAKE

Serial Number 020924

Letter or Permit Permit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL <input checked="" type="checkbox"/>	SUBSEQUENT RECORD OF SHOOTING <input type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS <input type="checkbox"/>	RECORD OF PERFORATING CASING <input type="checkbox"/>
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF <input type="checkbox"/>	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING <input type="checkbox"/>
REPORT ON RESULT OF TEST OF WATER SHUT-OFF <input type="checkbox"/>	NOTICE OF INTENTION TO ABANDON WELL <input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL <input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT <input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT <input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY <input type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December, 1927, 192

Following is a **notice of intention to do work** on land under **permit** described as follows:

Utah	Grand County	Oak Creek
(State or Territory)	(County or Subdivision)	(Field)
Well No. J. L. Shafer No. 1 A	Sec. 25, Twp. 28 North	Range 14 E.
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)
		(Meridian)

The well is located 1125 ft. ^{NE} _{SW} of corner and 2221 ft. ^{NE} _{SW} of east line of sec. 25 and 200 feet South of North line of the J. L. Shafer Permit, Salt Lake No. 020923. The elevation of the derrick floor above sea level is ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

It is our intention to set 12 1/4 inch pipe on the line at about 100 feet - 20° - 45° pipe through water horizon at about 1800 feet. A 1 1/4 inch 20° pipe on perforating will horizon at about 2400 feet and drill to 2800 feet if necessary.

APPROVAL to drill on this location is granted, same subject to the limitations of the finally accepted survey and the permit as finally recognized by the General Land Office. The drilling provisions, as per attached, will be complied with in the drilling of this well.

Approved December 20, 1927

A. P. Wardwell
(Date)

D. P. WARDWELL

Title Geology Supervisor

GEOLOGICAL SURVEY

Company Capital Southern Oil Co.

By *J. D. Freeman*

Title Geologist

Address 655 1/2 West

Address 3500 Franklin Street

Cost Estimate for Re-entering, Cleaning, Logging, Surveying, and Cementing

Utah Southern Oil Company No. 1A Oil Test in Sec. 25, T. 26S., R. 20E.

Grand County, Utah:

JOB	COST
1. Prepare Drill Site (6 hrs. w/D8 @ \$20)	\$ 120.00
2. Move in, rig up, rig down, move out	2,500.00
3. Well Head Preparation	300.00
4. Bits, reamers, etc.	1,000.00
5. Stabilizers, Special Tools	500.00
6. Fishing Tool Services	1,000.00
7. Rig Time (7 days @ \$900) (14 days @ \$900)	6,300.00 (12,600.00)
8. Gamma-Neutron Log	885.00
9. Caliper log	452.00
10. Eastman Survey	770.00
11. NaCl Brine for Washing and Cementing (50,000 gal. @ \$4.00/1000 gal.)	200.00
12. Tank Truck for Brine (16 hrs. @ \$7.50)	120.00
13. Cementing Job (assume 1/3 Enlargement)	3,120.00
14. Clean up Drill Site (4 hrs. w/D8 @ \$20)	80.00
15. TGS Supervision (15 days @ \$50)	750.00
Subtotal for 7-day job + 10% Contingency	\$18,097.00 <u>1,810.00</u>
TOTAL FOR 7-DAY JOB	\$19,907.00
Subtotal for 14-day job + 10% Contingency	\$24,397.00 <u>2,434.00</u>
TOTAL FOR 14-DAY JOB	\$26,831.00

1,800 mid my suggestion

Say
\$20,000

Say
\$27,000

① cement from T. D to top of salt

No = from T. D to 1600 ft & elemental gas & oil problem \rightarrow accepted
 ② (a) 150ft to surface
 ③ Plugs across water zones } a) soft 920 to 970
 ④ (b) 150ft to surface

If monogypsum can move through hole rock the sky so off any
 $\frac{1}{15} \text{ ft}^3/\text{ton}$
 $= 1,000,000 \text{ ft}^3 \text{ of fl gne}$
 $= 600,000 \text{ ton t or } \frac{1}{3} \text{ of shal}$
 $\times 20/\text{ton} = 9,600,000 \text{ lbs.}$

Utah Southern Oil Co., J. L. Shafer #1-A,
SENWSE Sec. 25-26S-20E (S. L. 026383)

Work was resumed about May 1, after waiting to get casing into the location. The $6\frac{1}{4}$ " casing was run to bottom, 3095', the first cement job failing. Further reports have not been received as to the casing. Drilling at 3105' in shale and anhydrite.
Utah Southern Oil Co. 5-21-29

Utah Southern Oil Co., J. L. Shafer #1-A,
SENWSE Sec. 25-26S-20E (S. L. 026383)

This well is now being abandoned at 4107', T. D. This is a further, and maybe almost the final, disappointment in connection with the Colorado River salt dome (?) tests in southeastern Utah. The $6\frac{1}{4}$ " casing ^{was} now finally landed at 3047' for a F.S.O. No oil or gas zones were reported. Water sands included 110' to 115' and 939' to 950'. A sand at 2370'-2372' may have carried water, but this is not certain, as the water may have broken in from above. The first salt was found at 2136'. From there to bottom, about 1400' or 70% of the formation was salt. A little anhydrite and gypsum were also found, together with the shales and limes. The log and intention to abandon have been submitted for approval, and details of the plugging will be ~~in next report~~. Drilling finished 6-18-29. (J. L. Duran 6-18-29 & reports 6-19-29)

ML 329 Utah Southern Oil Co., J. L. Shafer #1-A,
SENWSE Sec. 25-26S-20E (S. L. 026383)

Plugged and abandoned and marker erected. T. D. 4107'. Filled with shale to 3120', placed 5 sacks of cement, ripped $6\frac{1}{4}$ " casing two joints from bottom and pulled. Filled to 2380' and set 8 sacks of cement, pulled $8\frac{1}{4}$ " casing, filled to 1650', put in wood plug and ten sacks of cement, filled to 955' and dumped ten sacks of cement, filled to 118' and dumped 10 sacks of cement. Filled to top and cemented in joint of $6\frac{1}{4}$ " pipe as marker. Work completed July 3. (Lessee's Report 7-4-29)

CANE CREEK - Grand County

25-26S-20E SE $\frac{1}{4}$ S.E. $\frac{1}{4}$, Utah Southern Oil Company, well No. 1-A,

(MAY, 1939) (S.L. 026383). Ref. No. 1.

✓ STATUS: P.M. - 4107'. (Visited 5-26-39).

REMARKS: Work of cleaning up location and filling cellar at this well commenced May 17 and was completed May 19, 1939, under Federal Project O.P. 752-05-139B-1. The project required 104 man-hours unskilled labor at a cost of \$78.00, and ~~\$1.00 for tools.~~

DEC 1928

Utah Southern Oil Co., J. L. Shafer #1-A,
SWNESE Sec. 25-268-30E (S. L. 026383)

Total depth 3040'. 8 $\frac{1}{4}$ " casing set at 2088', P.S.O. A heavy flow of water broke in at 2380'. This was thought to correspond with the water flow struck above the oil in the Frank Shafer well at 3084'. There may be some thickening of the beds between the two wells. Work was suspended for ten days to decide upon future plans, but was resumed again Dec. 15.

(Utah Southern Oil Co. 12-19-28)

JAN 1929

Utah Southern Oil Co., J. L. Shafer #1-A,
SENWSE Sec. 25-268-30E (S. L. 026383)

*Corrected location based on new Government survey. Well tied in by Public Survey office and found to be S 46° 45' W, 27.75 chains from ~~common~~ $\frac{1}{4}$ corner Sec. 25 and 30, or 1335' W/E, 1255' S/C Sec. 25. This location, thought to be on Sec. 25 when the permit was staked and is so described in the permit description.

Drilling at 2620' in black shale. 8 $\frac{1}{4}$ " casing at 2088'. No report on water at 2380', but probably drilling in a wet hole. The Colorado River became ice-jammed the past month, so that boat transportation to the well is impossible. A pack train is now used to get supplies to the well. The operators will drill a few hundred feet more to make sure no possibilities of production are overlooked. It is hard to correlate the log of this well and the Frank Shafer well, and to know exactly where the hoped-for productive stratum is.

(Utah Southern Oil Co. 1-21-29)

1929

Utah Southern Oil Co., J. L. Shafer #1-A,
SENWSE Sec. 25-268-30E (S. L. 026383)

Drilling depth 2700' in salt. 8 $\frac{1}{4}$ " casing at 2088'. Little progress has been possible the past month. The Colorado River has been ice-bound more than it has been for several years. Pack trains were used to get small supplies to the well, but it is now necessary to wait until a boat can be run down the river with fuel and heavy supplies. At present it looks as if work can be resumed soon.

(G. L. Hansen 2-19-29)

JAN

1929

Utah Southern Oil Co., J. L. Shafer #1-A,
SENWSE Sec. 25-268-30E (S. L. 026383)

Drilling at 3085' in shale. 8 $\frac{1}{4}$ " casing set at 2088'. Another string of casing will be required if operations are continued much deeper. The company is still hoping to find one of the pay streaks in the Frank Shafer well at 2084 feet and 3630 feet. If this test is unsuccessful, both of these wells will be abandoned and all the Colorado River structures will look very ~~poor~~ ~~poor~~ ~~poor~~.

(Utah Southern Oil Co. 2-28-29)

APR - 1929

Utah Southern Oil Co., J. L. Shafer #1-A,
SENWSE Sec. 25-268-30E (S. L. 026383)

Drillings temporarily suspended on March 17th at 3085' in limy shale. 8 $\frac{1}{4}$ " casing at 2088'. Hole wet. The crew was moved up to Salt Valley to drill while a string of 6 $\frac{1}{4}$ " casing is being moved to Cane Creek by boat on the Colorado River. The Salt Valley test will probably be finished, and then the crew sent back to work on this well. Drilling will be continued several hundred feet farther, and if the test is unsuccessful, both the Frank Shafer and this well will be plugged and abandoned.

(Utah Southern Oil Co. 4-28-29)

Well depth 1400' in Pennsylvania limes. 10" casing being run. A tight knob in the lime at 140' has delayed running the casing, but the operators are at present trying to get the casing past this point. The formation is expected to change from massive limes to petriferous shale in the next 100'. ~~Pl. 01780. 10" did not go well due to~~
~~gas enough from 91". Set in~~
~~shale - should be completed at 1850'~~
Utah Southern Oil Co. 7/22/28

Utah Southern Oil Co., J. L. Shaffer #1-A,
SALT FLATS SECTION (S. L. C.)

Drilling at 1780'. Still in lime with small shale bottom. Trouble was experienced in running the 10" casing and it was removed. An attempt will be made to reach a sufficient depth with open hole to set 8 1/2" casing as the next objective. Bottom of limes expected at 1850'.

Utah Southern Oil Co. 8/21/28

Utah Southern Oil Co., J. L. Shaffer #1-A,
SALT FLATS SECTION (S. L. C.)

Drilling depth 2005' in lime with a show of gas. 8 1/2" casing being run to bottom. Nearly 200' more lime has been encountered in this well than in the Frank Shaffer on Sec. 6, which was on the top of the structure. No salt has yet been encountered. Production is expected at any time.

Utah Southern 9/28/28

at 2160' ~~offered and~~ ~~1928~~ *Utah Southern Oil Co., J. L. Shaffer #1-A*
~~SALT FLATS SECTION (S. L. C.)~~

T.P. 2375 shaly sand.

T.D. 2000', with a strong gas showing at 1900'. Several attempts have been made to get a split water separator and gas separator, but these have been unsuccessful. The 8 1/2" casing to 2000' was run in the shell at 2000' and nudged to flow testing for P.S.A.

This well has not encountered any salt, and comparing with the Frank Shaffer well in this respect, shale, and no gas separator and oil column present, indicates to the operators that the salt does not lie close to the surface.

Utah Southern Oil Co., J. L. Shaffer #1-A,
SALT FLATS SECTION (S. L. C.)

Drilling at 2407' in black shale, after being in salt with some shale from 2150' to 2370', shale and sandy lime from 2370' to 2407'. The 8 1/2" casing was set on 2370' in the lime shell at 2000' as reported here, but the setting was unsuccessful. The casing was then above the lime, causing some difficulty and trouble. The casing was then pulled, and a lead packer was set on the 2370' in the lime shell (the shoulder left for the 10" casing near 1900', the 8 1/2" casing having been removed, as reported in August). The water is now shut off by the 2000' of 8 1/2" casing, with the packer at 1650'. Gas and oil showings are prevalent, and the productive stratum may be encountered at any time, although the amount of salt now present makes the outlook less encouraging.

Utah Southern Oil Co. 11-12-28

1926

Utah Southern Oil Co. J.L.Shafer Well #1-A,
1927 ~~SWEEPER Sec. 25-25-25 S.L. 0263851~~

The standard rig is being moved from the original location of the J.L.Shafer well on Sec. 30, which was never drilled, to the above location. Drilling operations will be started within a few weeks. This will be a check well to test out the salt dome theory.

APR 1928

Utah Southern Oil Co., J.L.Shafer #1-A,
1928 ~~SWEEPER Sec. 25-25-25 S.L. 0263851~~

First check well to test salt dome theory in southeastern Utah, spudded on January 14th. Drilling at shallow depth. Encountered quicksand which retards drilling. 10" casings pipe will be carried through quicksand. A Franklin semi-diesel engine, using oil from the Frank Shafer well is being used. A testing of the salt beds is expected, and production will be looked for in the crevices which showed oil in the Frank Shafer well at 500'. (Utah Southern Oil Co. and reporter 1-24-48).

Cross section

Utah Southern Oil Co. J.L.Shafer #1-A,
Feb. 1928 ~~SWEEPER Sec. 25-25-25 S.L. 0263851~~

* Previously reported in San Juan County in December and January, but county line is between 200' and 250'.

Drilling at 400' in gray lime. 30' of 15-1/2" casing driven in river fill. 12-1/2" casing temporarily set at 50', where it may be cemented later. (Utah Southern Oil Co. 1-24-48).

APR

Utah Southern Oil Co. J. L. Shafer #1-A,
1928 ~~SWEEPER Sec. 25-25-25 S.L. 0263851~~

Drilling at 600' in hard limestone. Operating on tower, but progress is slow and held up. Carrying 14" casing to set beneath the water, if possible. (Utah Southern Oil Co. 1-24-48).

APR

Utah Southern Oil Co., J.L.Shafer #1-A,
1928 ~~SWEEPER Sec. 25-25-25 S.L. 0263851~~

Drilling at 600' in hard, gray lime. Progress is slow through this formation. No report on 14" casing, which was being carried last month. (Utah Southern Oil Co. 1-24-48).

May 1928 Utah Southern Oil Co., J.L.Shafer #1-A.

Drilling at 600' in hard limestone. Progress is slow through this formation. No report on 14" casing, which was being carried last month. (Utah Southern Oil Co. 1-24-48).

JUNE 1928

Utah Southern Oil Co., J.L.Shafer #1-A,

~~SWEEPER Sec. 25-25-25 S.L. 0263851~~

Drilling in open hole on 14" casing in limestone lime. High water on the Colorado River has continued throughout this month. 10" casing will be run soon. (Utah Southern Oil Co. 1-24-48).

POOR COPY

1710	1720	Brown lime.
1720	1729	Gray lime.
1729	1747	Light gray lime and shale.
1747	1767	Dark gray lime.
1767	1779	Gray lime - fine slightly sandy.
1779	1793	Gray lime.
1793	1798	Gray sahley lime.
1798	1805	Coarse dark lime.
1805	1829	Black lime.
1829	1844	Black lime - little shale and possibly some anhydrite.
1844	1851	Gray lime.
1851	1857	Gray limy shale.
1857	1859	Gray sandy lime.
1859	1873	Hard white lime.
1873	1882	Fine white lime - slightly sandy.
1882	1893	Brown lime and shale.
1893	1910	Dark gray lime.
1910	1928	Gray lime - slightly sandy.
1928	1945	Gray lime.
1945	1975	Gray lime - softer.
1975	1985	Gray lime.
1985	2005	Hard dark brown lime.
2005	2028	Brown sandy lime, fine.
2028	2038	Gray sandy lime.
2038	2048	Gray lime.
2048	2068	Blue shale.
2068	2078	Brown shale.
2078	2082	Black shale and anhydrite.
2082	2086	Black shale.
2086	2087	Gray lime.
2087	2123	Gray sandy lime.
2123	2125	Gray shale.
2125	2134	Gray lime.
2134	2138	White soft sand.
2138	2180	Salt.
2180	2200	Salt with streaks of black shale.
2200	2285	Salt.
2285	2305	Salt - formation has a hard shell occasionally.
2305	2325	Salt.
2325	2350	Salt streaked with shale.
2350	2370	Salt and shale.
2370	2372	Sandy lime, carrying water.
2372	2408	Sandy lime.
2408	2431	Black shale.
2431	2440	Sandy lime.
2440	2443	Anhydrite.
2443	2462	Sandy lime.
2462	2473	Hard sandy lime.
2473	2475	Sandy lime - gray.
2475	2477	Blue clay.
2477	2479	Fine shell
2479	2487	Salt
2487	2494	Salt.
2494	2496	Shale.
2496	2501	Salt.
2501	2531	Black shale.
2531	2550	Salt - with streaks of black shale.
2550	2558	Salt.
2558	2570	Salt with streaks of black shale.
2570	2577	Gray sandy lime.
2577	2584	Fine gray lime.
2584	2612	Fine gray lime - hard.
2612	2620	Black shale - soft and cavey.
2620	2621	Shell.
2621	2632	Black shale - very cavey.
2632	2647	Black shale - soft.
2647	2672	Gray sandy lime - hole caving some.
2672	2706	Salt
2706	2717	Gray shale.

2717	2751	Salt.
2751	2755	Gray shale.
2755	2793	Salt.
2793	2795	Shell.
2795	2843	Salt.
2843	2860	Gray sandy lime.
2860	2868	Anhydrite.
2868	2870	Black shale.
2870	2885	Black shale.
2885	3028	Salt.
3028	3035	Anhydrite.
3035	3040	Anhydrite and lime.
3040	3046	Cross gray and black shale.
3046	3052	Black shale and anhydrite.
3052	3060	Gray lime.
3060	3064	Shale, lime and gypsum.
3064	3068	Shale.
3068	3094	Shale.
3094	3095	Shale and sandy lime - hard.
3095	3099	Gray sandy shale.
3099	3102	Gray shale and gypsum.
3102	3105	Anhydrite - very hard.
3105	3106	Salt and gray shale.
3106	3110	Salt.
3110	3115	Salt and anhydrite.
3115	3120	Anhydrite.
3120	3175	Salt and black shale.
3175	3432	Salt.
3432	3434	Anhydrite, gray shale and gypsum.
3434	3440	Gypsum and gray shale.
3440	3443	Anhydrite.
3443	3445	Hard lime shell.
3445	3454	Gray shale.
3445	3460	Salt and black shale.
3460	3580	Salt.
3580	3590	Black shale.
3590	3615	Salt streaked with black shale.
3615	3688	Salt.
3688	3740	Black shale.
3740	3750	Salt and shale streaks.
3750	4107	Salt.

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Salt Lake Field Cane Creek.The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1928, 192Agent's address 535 Craft Building, Company UTAH SOUTHERN OIL COMPANY,
Salt Lake City, Utah. Signed J. L. ShaferPhone Was. 8446. Agent's title President.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE ¹ 36	268	20E	J. L. Shafer No. 1 A							Re-running 10 inch pipe. Bottom at 1865 feet in lime.

RECEIVED
JULY 1 1928

1928

SALT LAKE CITY, UTAH
MINERAL LEASING DIV.NOTE.—There were runs or sales of oil; runs or sales of gas;
..... runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in triplicate with the supervisor by the 6th of the succeeding month unless otherwise directed by the supervisor.

1928
U.S. GEOLOGICAL SURVEY
CABINETDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU.S. LAND OFFICE SALT LAKE CITY
SERIAL NUMBER 026388
LEASE OR PERMIT Permit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Cane CreekThe following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1928, 1928Agent's address 533 Clark Building Company UTAH SOUTHERN OIL COMPANYSalt Lake City, Utah. Signed J. W. Allen Agent's title PresidentPhone Tele. 8442

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (Drilling, testing, flowing, etc., date and rate of first gas and oil content of gas)
ME 36	268	20 E	J. D. Shafer No. 1 A							Resetting $\frac{5}{8}$ inch pipe on lime shell at 2088 feet. Bottom of hole 2123 feet in lime.

NOTE.—There were runs or sales of oil; runs or sales of gas; runs or sales of gasoline during the month. (Write "no" where applicable.)NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and is not by day.
in triplicate with the supervisor by the 6th of the succeeding month unless otherwise directed by the supervisor.

3
19
SERIAL NO.
ASRDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE
SALT LAKE CITY
SERIAL NUMBER
LEASE OR PERMIT
Permit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah, County Circleville, Field Utah Creek,The following is a correct report of operations and production (including drilling and producing wells) for the month of May 1929, 19Agent's address 553 Cliff Bldg. Company UTAH & SOUTHERN OIL COMPANY.

Salt Lake City, Utah.

Phone Wax. 8446. Signed J. L. Shafer Agent's title President.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (IN THOUSANDS)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (IF NONE, SO STATE)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE ¹ /4 36	26S	20E	J. L. Shafer No. 1 A,							Cement did not set at 3095 feet. Lifted pipe and reamed to 3105 feet where pipe is now set. Drilling in salt at 3200 feet.

GEOLOGICAL SURVEY
 RECEIVED
 JUN - 5 1929
 SALT LAKE CITY, UTAH
 MINERAL LEASING DIV.

NOTE.—There were _____ runs or sales of oil; _____ runs or sales of gas;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in triplicate with the supervisor by the 5th of the succeeding month unless otherwise directed by the supervisor.

**DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

RECEIVED
JUN 1 1929
SALT LAKE CITY UTAH
U.S. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Utah Southern Oil Company**, Address **Salt Lake City, Utah**,
 lessor or trustee **J. L. LeFever** permit, Field **Utah Creek**, State **Utah**,
 Well No. **1 A 4**, Sec. **36** T. **26** R. **20E** Meridian **U.S.M.** County **Grand**.
 Location **200 ft. N. of North line and 1320 ft. W. of East Line of Section 36**. Elevation **4000 feet**.

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date, **July 12, 1929**. Signed **L. Tonga**, Title **Superintendent**.

The summary on this page is for the condition of the well above date.

Commenced drilling **January 14, 1928**, 19. Finished drilling **June 18, 1929**, 19.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from	None	to	No. 4, from	to
No. 2, from		to	No. 5, from	to
No. 3, from		to	No. 6, from	to

IMPORTANT WATER SANDS

No. 1, from	110	to	115	No. 3, from	to
No. 2, from	939	to	950	No. 4, from	to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
15 1/2	70	10	National	35	Regulator	Bottom of 15 1/2 in. hole			
12 1/2	60	10	National	34	Regulator	Top of 12 1/2 in. hole			
8	36	10	National & Youngstown	2027	Regulator	Top of 8 in. hole			
6 1/2	26	10	National	3007	Regulator	Top of 6 1/2 in. hole			

MUDGING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used	
					From	To
15 1/2	38 1/2	5	Dump	10.00		
12 1/2	54 1/2	10	Dump	10.00		
8	2027 1/2		Muddrill	10.00		
6 1/2	3047 1/2		Formation	10.00		

PLUGS AND ADAPTERS

Heavy plug Material	Length	Depth set
Adapters Material	Size	

SHOOTING RECORD

P0008 G0009

Boreholes Material Size Depth set

Size	Shell used	Explosive used	Quantity	Darts	Depth shot	Depth cleaned out

SHOOTING RECORD

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
 Cable tools were used ~~from entire depth~~ feet to _____ feet, and from _____ feet to _____ feet.

TOOLS USED

Completion date, 19____.

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil and _____ % gas.

If gas well, cu. ft. per 24 hours _____.

Rock pressure, lbs. per sq. in. _____.

DATES

Put to producing _____, 19____.
 barrels of fluid of which _____ % was oil and _____ % gas.

Gravity, °Bé. _____.

Gallons gasoline per 1,000 cu. ft. of gas _____.

EMPLOYEES

John Morrissey, Driller

William Gantton, Driller

Lloyd Baker, Driller

Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	30		Surface wash.
30	38		Red sand.
38	42		Lime.
42	48		Blue lime - hard.
48	51		Brown sand rock.
51	54		Gray lime..
54	76		Red mud.
76	70		Red sand..
70	95		Broken lime - sand.
95	110		Broken lime.
110	115		Gray lime - with sulphur water.
115	125		Gray lime - hard.
125	135		Blue lime..
135	150		Hard gray lime..
150	160		Gray lime - pasty.
160	165		Gray lime - hard.
165	185		Gray lime..
185	195		Blue lime..
195	200		Gray lime..
200	215		Gray lime - sandy and hard..
215	225		Gray lime..
225	230		Shale, blue.
230	305		White lime - hard.
305	319		White lime - hard.
319	325		Shale and brown clay..
325	330		

(OVER)

8-645

POOR 100%

**DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Serial Number 1222683
Lessor or Permittee E. S. DUGAN

SUNDRY NOTICES AND REPORTS ON WELLS

<input type="checkbox"/> NOTICE OF INTENTION TO DRILL	<input type="checkbox"/> SUBSEQUENT RECORD OF SHOOTING
<input type="checkbox"/> NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/> RECORD OF PERFORATING CASING
<input type="checkbox"/> NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	<input type="checkbox"/> NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
<input type="checkbox"/> REPORT ON RESULT OF TEST OF WATER SHUT-OFF	<input type="checkbox"/> NOTICE OF INTENTION TO ABANDON WELL
<input type="checkbox"/> NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input checked="" type="checkbox"/> XXXX
<input type="checkbox"/> NOTICE OF INTENTION TO SHOOT	<input type="checkbox"/> SUBSEQUENT REPORT OF ABANDONMENT
	<input type="checkbox"/> SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 18, 1929.

192

Following is a {notice of intention to do work} on land under {permit} described as follows:

Utah (State or Territory) Grand County, Cane Creek (County or Subdivision) (Field)
Well No. J. L. Shafer No. 1 ~~Sec. 36~~ Sec. 36, 2d South, 20 East, U.S.G.M. (Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 200 ft. ~~S~~ of ~~North~~line and 1520 ft. ~~W~~ of ~~East~~line of sec. 36.

The elevation of the derrick floor above sea level is 4000 ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, completion jobs, and all other important proposed work.)

We will fill hole back from bottom, which is now dry, and put in wood-cement plug below the 6 1/4 inch shoe, then pull the 6 1/4 inch casing and fill the hole back to just below the 8 1/4 inch shoe and put in another wood-cement plug. Then pull the 8 1/4 inch casing if possible and fill the hole to the top, leaving the 12 1/2 inch and 15 1/2 inch conductor pipe, both of which are cemented through the surface water, filling same in with cement and at the top embedding a regular four inch marker.

Approved with the provision that the following additional cement plugs be placed as per letter to J. L. Dougan of June 20, 1929: "Not less than 8 sacks of cement at 2375', not less than 30 sacks of cement at 955', and 10 sacks of cement at 118'. These plugs may be placed either above and below or through the water horizons which show in the log at 2370-2372, 939-950, 110-115 feet."

Approved June 12, 1929

WM. H. STRANG
Deputy Supervisor
GEOLOGICAL SURVEY

Title

Company UTAH SOUTHERN OIL COMPANY

By J. L. Dougan

Title

Superintendent.

Address

Address 533 Clift Building, Salt Lake City

NOTE: Reports on this form to be submitted in triplicate to the Supervisor for approval.

RECEIVED

U. S. Land Office

Serial Number 066383

Lease or Permit Permit

RENEWAL - RENEWAL

RECEIVED

DEPARTMENT OF THE INTERIOR

RECEIVED
GEOLOGICAL SURVEY

JUL 2 1929

SALT LAKE CITY, UTAH
MINERAL LEASING DIV.

SUNDRY NOTICES AND REPORTS ON WELLS JUL 17 1929

SALT LAKE CITY, UTAH

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING	MINE AND GASHES IN
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 2, 1929, 192

Following is a {notice of intention to do work} on land under {permit} described as follows:

Utah

Grand County

Cape Creek

(State or Territory)

(County or Subdivision)

(Field)

Well No. J. L. Shafer No. 1 A. NE ^{1/4} Sec. 36 20 South, 20 East U.S.M.
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 200 ft. [S] of [N] line and 200 ft. [W] of [E] line of sec. 36

The elevation of the derrick floor above sea level is 4000 ft. Location by New Survey
1255 1/4 line and 1336 1/4 lineDETAILS OF PLAN OF WORK SE $\frac{1}{2}$ Sec. 25

(State names of and expected depths to objective media; show sizes, weights, and lengths of proposed casings; indicate mudling jobs, cementing points, and all other important proposed work)

Filled hole from bottom, 4107 feet, to 3120 feet with shale. Put in 5 sacks of cement at 3120 feet. Ripped 6 1/4 inch casing two joints off bottom and pulled same. Filled hole with shale and sand pumping back to 2800 feet and dumped 8 sacks of cement at that depth covering possible water bottom to 2800 feet. Pulled 6 1/4 inch casing. Filled hole back with shale and sand pumping to shoulder at 1650 feet. Put in wood plug and ten sacks of cement. Filled hole back to 955 feet and dumped ten sacks of cement. Filled hole back to 115 feet and dumped ten sacks of cement. Filled up the hole to the surface and cemented joint of 6 1/4 inch pipe inside of drive pipe so that it would stick up five feet above the surface when the is removed.

APPROVED: Subject to approval of Mr. Barton, Engineer in Charge,
Salt Lake City, Office.Approved H. Z. Barton
July 23, 1929

Approved

Company - NEW MEXICO OIL COMPANY
By - H. Z. Barton

Title

Title _____ Post Office _____

GEOLOGICAL SURVEY

Address

Address - Salt Lake City, U.S.A.

I hereby declare that the information contained in this document is true and correct to the best of my knowledge and belief.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING
REPORT OF DATE & TEST OF WATER SHOT OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
REPORT ON RESULT OF TEST OF WATER SHOT OFF	NOTICE OF INTENTION TO ABANDON WELL
NOTICE OF INTENTION TO REPAIR OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY

(Leave blank unless otherwise checked. Check mark nature of report, notice, or other data)

June 1

1939

Following is a ~~notice of work done under permit~~ on land under ~~permit~~ described as follows:

Utah	Grand	Cane Creek		
STATE	(County or Subdivision)	(Field)		
Well No. 1	SE NE SW SE SW 25 Sec. and Sec. No.	26 S., (Twp.)	20 E. (Range)	S. L. M. (Meridian)

The well is located 1255 ft. ~~[S]~~ of ~~N~~ line and 1335 ft. ~~[W]~~ of ~~E~~ line of sec. ~~SE~~ ~~SW~~ sec. 25.

The elevation of the derrick floor above sea level is 4000 ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands, show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Summary of work done under F.P. O.P. 752-05-139B-1 in fillin cellar and cleaning up location at this well.

Work commenced May 17, 1939 and was completed May 19, 1939. Scrap lumber on location was piled and burned, junk equipment and wire line was removed from location or piled in an orderly arrangement. Derrick sills were were piled near edge of river to be used for cribbing cellar at Midwest Exploration Company well #1. Cellar filled in to ground level.

COST OF PROJECT:

Labor - 96 hrs @ \$0.75	- \$ 72.00
8 " .85	- 6.80 \$ 78.80
Materials+ Tools:	2.86
Water bag	.69 <u>3.55</u>
Total Cost	\$ 82.35

Approved as a matter for record

Date 1/1939

E. W. Henderson

Title District Engineer
306 Federal Building

Address Salt Lake City, Utah.

Company Utah Southern Oil Co.

By

Title

Address

NOTE. - Reports on this form to be submitted in triplicate to the Supervisor for approval.

Potash Division

TEXAS GULF SULPHUR COMPANY
(INCORPORATED)

P. O. BOX 248
MOAB, UTAH
84532

February 25, 1966

Mr. Cleon B. Feight, Executive Director
Utah Oil and Gas Conservation Commission
348 East South Temple
Salt Lake City, Utah

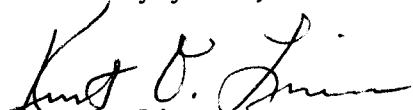
Re: Utah Southern 1-A

Dear Jack:

Enclosed is our application for permission to plug the Utah Southern 1-A oil test near our potash mine.

We enjoyed discussing this problem with you last Wednesday and appreciated the helpful suggestions.

Sincerely yours,


Kurt O. Linn
Geologist

KOL/mp

Enclosure: Application (triplicate)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL DEEPEN PLUG BACK

b. TYPE OF WELL

OIL WELL GAS WELL

OTHER

SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR

Texas Gulf Sulphur Company

3. ADDRESS OF OPERATOR

P. O. Box 248, Moab, Utah

Phone: 253-9851

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1255' FNL, 1335' FEL of the SE $\frac{1}{4}$ of Sec. 25, T. 26S., R. 20E., Grand County, Utah.
 At proposed prod. zone
 Unknown

SE NW SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Eight miles southwest of Moab, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. line, if any)	1400'	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
		2,219.79	None
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	1200'	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS

4,107'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3946 Ground Elevation

22. APPROX. DATE WORK WILL START*

March 14, 1966

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
No casing planned for cementing job				

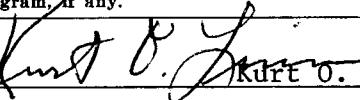
Utah Southern No. 1-A is an abandoned oil test near our potash mine, 25 miles by road from Moab, Utah. We intend to re-enter this hole and plug it with cement to make mining in the area safe. The work will be done by Barker Well Service of Grand Junction, using a Franks Comet "50" Double Drum Well Servicing and Drilling Unit.

The work plan is as follows:

1. Re-enter and clean out to total depth (4107')
2. Obtain gamma-neutron log, caliper log, and Eastman survey of the hole.
3. Plug the hole with cement from 4107' to 1600', and place cement plugs at 920-960 and 100-130 to seal off aquifers.
4. Cement marker pipe 5' high at collar and clean up drill site.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED  Kurt O. Linn TITLE Geologist DATE Feb. 25, 1966

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY: _____

TITLE _____

DATE _____

J. L. Shafer Permit
(Salt Lake 026383)

Well No. 1 A.

Location by new Public Survey 1386 S/W, 1388 W/E, SE Sec. 35,
T. 26 S., R. 26 E. Thought to be 200 W/E, 1380 W/E Sec. 34
by Preussel's older survey. Game Creek, Utah.Commenced drilling January 14, 1939 Finished drilling June 12, 1939FORMATION RECORD

<u>From</u>	<u>To</u>	<u>Total Depth</u>	<u>Formation</u>
0	30	30	Surface Wash
30	38	8	Red sand
38	42	4	Lime
42	48	6	White lime - hard
48	51	3	Brown sand rock
51	54	3	Grey lime
54	66	11	Red sand
66	70	4	Red sand
70	76	6	Broken lime - sand.
76	110	34	Broken lime
110	115	5	Grey lime - with sulphur water.
115	125	10	Grey lime - hard
125	135	10	Blue lime
125	150	25	Hard gray lime
150	160	10	Grey lime - pasty
160	165	5	Grey lime - hard
165	185	20	Grey lime
185	195	10	Blue lime
195	200	5	Grey lime
200	215	15	Sandy and hard gray lime
215	235	20	Grey lime
235	250	15	Shale, blue
250	265	15	White lime - hard
265	280	15	White lime - hard
280	305	25	Shale and brown clay
305	315	10	Brown shale
315	325	10	Grey lime
325	340	15	Brown lime
340	355	15	Grey lime
355	374	19	Grey lime - hard and sharp
374	388	14	Grey lime
388	404	16	Shall white lime
404	421	17	Hard grey lime
421	439	18	Medium lime and shale - grey
439	458	19	White and mud breaks
458	475	17	Shale and lime
475	494	19	Grey lime
494	498	4	

495	500	?	White lime - hard
500	519	19	White lime
519	520	6	Black lime - hard
520	532	7	White lime - hard
532	540	6	Gray lime
540	545	8	Gray sandy lime
545	548	3	Gray lime
548	550	2	Very fine white lime
550	564	4	Blue sandy lime - sharp
554	566	11	Fine blue lime
565	580	15	Fine white lime
580	586	6	Fine white sand
586	588	2	Gray lime
588	591	3	Shale
591	595	4	Black lime
595	599	4	Gray lime and shale
599	604	5	Gray lime
604	608	4	Blue clay
608	614	6	Gray lime
614	620	6	Coarse gray sand
620	641	21	Sandy white lime
641	651	10	Gray sandy lime
651	660	9	Red lime
660	662	2	Red clay - sticky
662	673	11	Fine red lime
673	684	11	Brown lime
684	686	1	Red clay
686	727	42	Fine brown lime
727	735	38	Fine gray lime - hard
735	739	5	Blue lime
739	775	7	Fine gray lime
775	780	5	White lime
780	783	6	Grey sandy lime
783	795	6	white lime
795	794	1	Brown clay
794	809	15	Fine brown lime
809	817	8	Hard white lime
817	828	8	Green lime
828	835	22	White lime
835	837	12	Blue lime
837	874	7	grey lime
874	880	6	Blue lime
880	888	18	Fine gray lime
888	895	7	Hard gray sand
895	899	34	Hard gray lime
899	900	11	Coarse brown sand, watery.
900	906	20	Brown sandy lime
906	1011	21	Hard gray lime
1011	1076	23	Grey lime
1076	1104	26	Blue lime
1104	1110	19	Black lime
1110	1148	23	Grey lime + hard
1148	1149	7	Grey lime and brownish

1169	1169	8	Fine white lime
1187	1184	?	Hard gray lime
1184	1204	40	Grey lime
1304	1313	9	Gray lime - fine
1313	1236	22	Gray lime
1236	1241	6	Gray lime
1241	1286	28	Gray lime - fine
1286	1293	24	Gray lime
1293	1306	12	White lime
1306	1315	11	Black lime
1316	1322	6	Gray lime
1322	1364	44	Brown shale
1366	1369	5	Gray lime
1269	1370	9	Hard gray lime
1370	1397	9	Gray lime
1387	1380	5	Fine blue lime
1390	1399	9	Gray lime
1399	1446	47	Gray lime
1446	1468	28	Blue lime
1468	1471	5	Gray lime
1471	1476	5	Blue lime
1476	1478	2	Blue lime
1478	1488	6	Black lime
1488	1490	4	Gray lime
1490	1509	19	Dark gray lime
1509	1517	8	Gray lime
1517	1541	24	Hard gray lime
1541	1545	4	Gray lime
1545	1550	5	Blue lime
1550	1555	5	Gray lime
1555	1567	12	Blue lime
1567	1595	28	Gray lime
1595	1611	18	Gray lime
1611	1619	8	Black lime - sharp
1619	1624	5	Gray lime
1624	1653	9	Dark gray lime
1653	1669	7	Hard white lime
1669	1645	3	Gray lime
1645	1650	8	Blue shaly lime
1650	1669	9	Blue lime
1669	1665	4	Gray lime
1665	1678	15	Hard gray lime
1678	1689	21	Very hard gray lime
1689	1701	15	Fine brown lime
1701	1704	8	Dark brown lime
1704	1710	6	Gray lime - dark
1710	1720	10	Brown shale
1720	1729	9	Brown lime
1729	1747	10	Gray lime
1747	1767	10	Light gray lime and shale
1767	1776	12	Dark gray lime
1776	1793	14	Gray lime - fine slightly sandy
1793	1798	6	Gray lime
			Gray shale

21.84	12041	2	Coarse dark lime
21.85	12050	24	Black lime
21.86	12051	65	Black lime - little shale and possibly some anhydrite.
21.87	12052	7	Gray lime
21.88	12053	6	Gray limey shale
21.89	12054	8	Gray sandy lime
21.90	12055	14	Hard white lime
21.91	12056	9	Fine white lime - slightly sandy
21.92	12057	11	Brown lime and shale
21.93	12058	17	Dark gray lime
21.94	12059	13	Gray lime - slightly sandy
21.95	12060	27	Gray lime
21.96	12061	30	Gray lime - softer
21.97	12062	16	Gray lime
21.98	12063	20	Hard dark brown lime
21.99	12064	24	Brown sandy lime, fine
22.00	12065	10	Gray sandy lime
22.01	12066	10	Gray lime
22.02	12067	20	Blue shale
22.03	12068	8	Brown shale
22.04	12069	6	Black shale and anhydrite
22.05	12070	4	Black shale
22.06	12071	1	Gray lime
22.07	12072	36	Gray sandy lime
22.08	12073	2	Gray shale
22.09	12074	0	Gray lime
22.10	12075	2	White soft sand
22.11	12076	44	Salt
22.12	12077	20	Salt with streaks of black shale
22.13	12078	85	Salt
22.14	12079	20	Salt - formation has a hard shell occasionally.
22.05	2326	20	Salt
22.06	2327	25	Salt streaked with shale
22.07	2328	20	Salt and shale
22.08	2329	2	Sandy lime, carrying water
22.09	2330	34	Sandy lime
22.10	2331	35	Black shale
22.11	2332	0	Sandy lime
22.12	2333	5	Anhydrite
22.13	2334	19	Sandy lime
22.14	2335	11	Hard sandy lime
22.15	2336	2	Sandy lime - gray
22.16	2337	2	Blue clay
22.17	2338	2	Fine shell
22.18	2339	0	Salt
22.19	2340	7	Salt
22.20	2341	2	Shale
22.21	2342	0	Salt
22.22	2343	20	Black shale
22.23	2344	19	Salt - with streaks of black shale
22.24	2345	0	Salt
22.25	2346	7	Salt with streaks of black shale
22.26	2347	0	Salt
22.27	2348	7	Salt with streaks of black shale

Log of Utah Southern Oil Co. Well #1-A

-3-

2570	2577	7	Gray sandy lime
2577	2584	7	Fine gray lime
2584	2612	28	Fine gray lime - hard
2612	2620	2	Black shale - soft and crumbly
2620	2621	1	Shell
2621	2632	11	Black shale - very crumbly
2632	2647	15	Black shale - soft
2647	2672	25	Gray sandy lime - hole sawing some
2672	2706	34	Salt
2706	2717	11	Gray shale
2717	2751	34	Salt
2751	2753	4	Gray shale
2755	2793	38	Salt
2793	2795	2	Shell
2795	2843	48	Salt
2843	2860	17	Gray sandy lime
2860	2868	8	Anhydrite
2868	2870	2	Black shale
2870	2886	15	Black shale
2885	3026	143	Salt
3026	3038	7	Anhydrite
3035	3040	5	Anhydrite and lime
3040	3046	6	Cavey gray and black shale
3046	3052	6	Broken shale and anhydrite
3052	3060	8	Hard gray lime
3060	3064	4	Shale, lime and gypsum
3064	3068	4	Cavey shale
3068	3094	28	Gray shale
3094	3096	1	Gray shale and sandy lime - hard
3095	3099	4	Gray sandy shale
3099	3102	3	Gray shale and gypsum
3102	3106	5	Anhydrite - very hard
3105	3106	1	Salt and gray shale
3106	3110	4	Salt
3110	3115	5	Salt and anhydrite
3115	3120	5	Anhydrite
3120	3175	65	Salt and black shale
3175	3428	207	Salt
3428	3434	2	Anhydrite, gray shale and gypsum
3434	3440	6	Gypsum and gray shale
3440	3443	3	Anhydrite
3443	3445	2	Hard lime shell
3445	3454	3	Cavey shale
3454	3460	2	Shale and black shale
3460	3500	200	Salt
3500	3590	10	Black shale
3590	3615	20	Salt streaked with black shale
3615	3628	75	Salt
3628	3740	35	Black shale
3740	3770	15	Shale and shale streaks
3770	3874	207	Salt

No. 1-A Sec. 25 265/205

SEN NWSE $\frac{1}{4}$

LOCATION
1255 S IN 1335 WIE, SE

SL 026283

DEELEV 4000?

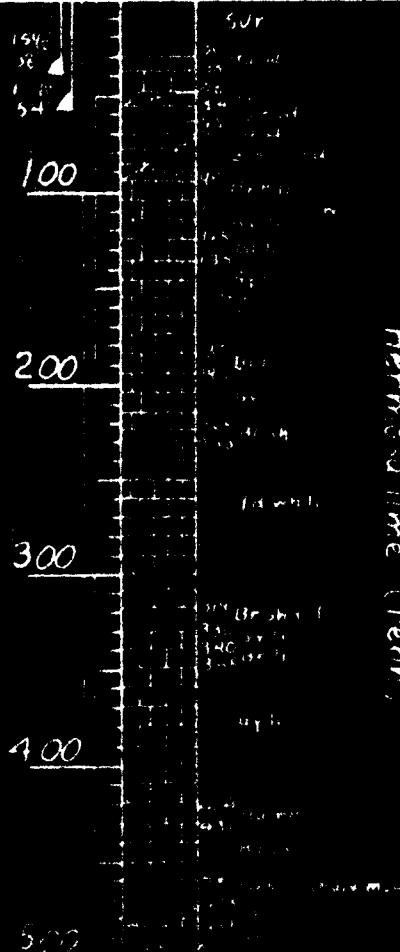
SPUDDED IN COMPLETED

1-14-28 6-18-24

INITIAL PRODUCTION

OIL WATER GBS GAS

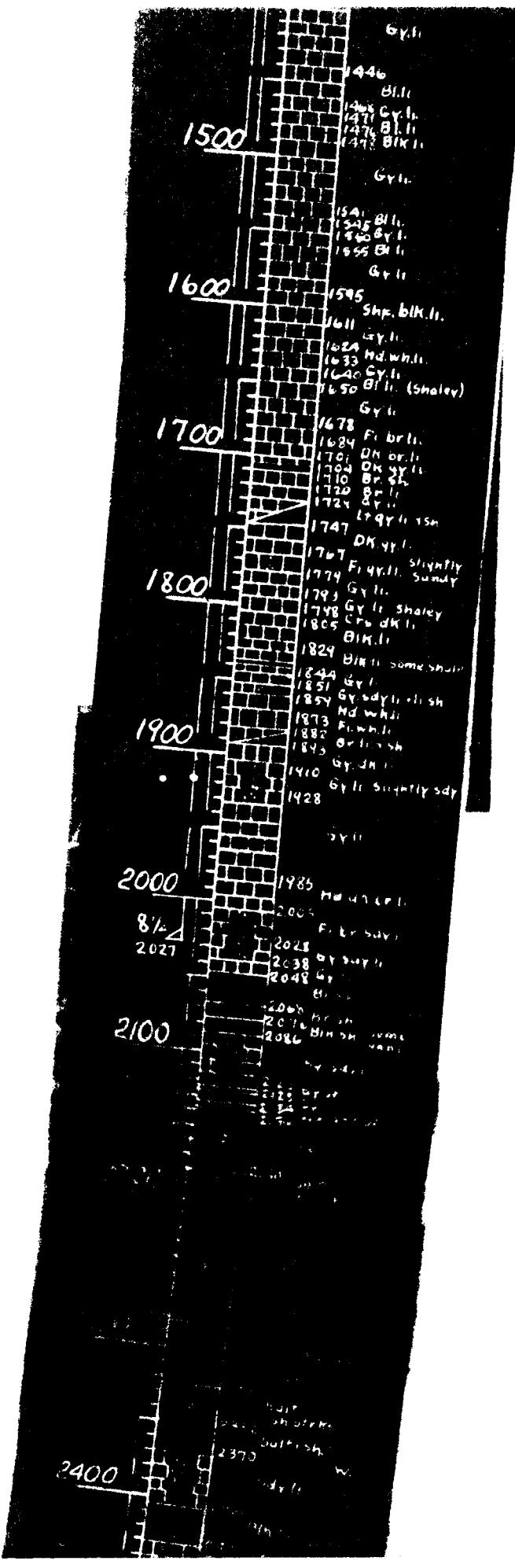
Drawn RML Check 29-30



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February 28, 1966

Texas Gulf Sulphur Company
P. O. Box 248
Moab, Utah 84532

Re: Well No. Utah Southern #1-A,
Sec. 25, T. 26 S., R. 20 E.,
Grand County, Utah

Dear Mr. Linn,

As per our telephone conversation of Friday, February 25, 1966.
Approval to re-enter and plug the above mentioned well is hereby granted.

Please advise this office immediately if you should run into any problems. Also, when you are ready to plug the well would you please contact Paul W. Burchell, our Chief Petroleum Engineer, in order that he may witness the plugging program. You can reach him at the following:

OFFICE: 328-5771
HOME: 277-2890 - Salt Lake City, Utah

Incidentally, would you please make sure that the Baker Well Service utilizes a blow-out preventer while conducting these operations.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEMON B. WEIGHT
EXECUTIVE DIRECTOR

CBF:ah

cc: State Industrial Commission
State Land Board

~~DK~~

Potash Division

TEXAS GULF SULPHUR COMPANY
(INCORPORATED)

P. O. BOX 248
MOAB, UTAH
84532

March 16, 1966

Mr. Cleon B. Feight, Executive Director
Utah Oil and Gas Conservation Commission
348 East South Temple
Salt Lake City, Utah 84111

Re: Utah Southern 1-A

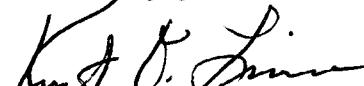
Dear Jack:

Enclosed is our report of abandonment on Utah Southern 1-A.

We wish to thank you and Paul Burchell for your interest and helpful advice. The cost of the entire job was about \$22,600.

A strip log showing the cemented intervals is also enclosed.

Sincerely yours,



Kurt O. Linn
Geologist

KOL/mp

Enc: Abandonment (triplicate)
Strip Log

STATE OF UTAH

SUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)OIL & GAS CONSERVATION COMMISSION
REPORT OF ABANDONMENT~~APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK~~

12. TYPE OF WORK

 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL

OIL WELL GAS WELL

OTHER

SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR

Texas Gulf Sulphur Company

3. ADDRESS OF OPERATOR

P. O. Box 248, Moab, Utah Phone: 253-9851

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface 1255' FNL, 1335' FEL of the SE $\frac{1}{4}$ of Sec. 25, T26S., R20E.,
Grand County, Utah.
At proposed prod. zone

At depth of 3035', hole is 48' N79W from surface location.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Eight miles southwest of Moab, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. line, if any)

1400'

16. NO. OF ACRES IN LEASE

2,219.79

17. NO. OF ACRES ASSIGNED
TO THIS WELL

None

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1200'

19. PROPOSED DEPTH

4,107'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Rotary Table 3953.5

22. APPROX. DATE WORK WILL START*

Started March 2, 1966

23.

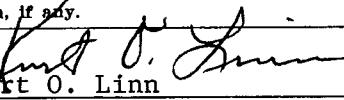
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

SEE ATTACHED SUMMARY OF WORK PERFORMED.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED 
Kurt O. Linn

TITLE Geologist

DATE

3/16/66

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY :

TITLE _____

DATE _____

RE-ENTRY OF UTAH SOUTHERN NO. 1-A

On March 2, 1966, Barker Well Service of Grand Junction, Colorado, rigged up over the abandoned Utah Southern 1-A oil test. The hole was cleaned out from surface to a depth of 4128 below the rotary table.

The sizes of bits used were:

11"	10-1656 (Rotary table 10' above ground level)
9"	1656-2698
7-7/8"	2698-3043 Top of 6-1/4" casing left in old hole.
4-3/4"	3043-4128 Bottom

Obstructions encountered in the hole were:

10-32'	6-1/4 inch casing cemented in hole.
120'	Old cement plug
1094'	Old cement plug
1645'	Old cement plug
1658'	End of cable-tool drill bit, fished out.
2137'	Wooden plug, drilled out.
2375'	Old cement plug
3043'	Top of old 6-1/4" casing, left in hole, went inside it.

Logs and survey performed:

10-3043	Caliper survey, Eastman survey, Gamma-neutron log (could not get survey tools below bench at 3043).
3043-4128	Gamma-neutron log (run inside tubing).

Cement plugs were placed as follows:

4128-2385	585 sacks (brine-saturated cement, 16.5 lb/gal).
2385-2100	340 sacks
2100-1650	Mud
1650-1600	27 sacks
1600- 975	Mud
975- 925	40 sacks
925- 125	Mud
125- 100	55 sacks
100- 30	Mud
30- 10	50 sacks (surface 10' below rotary table)

Casing left in hole:

3043-3080 (Approx)	Old 6-1/4-inch casing, not recovered.
10- 64 (Approx)	Old 12-1/2-inch casing, cemented.
10- 48 (Approx)	Old 15-1/2-inch casing, cemented.

A 4" marker pipe 5 feet high is cemented 4 feet into the top of the hole. No oil, gas, or water-bearing zones were detected during re-entry. The rig was removed on March 13, and the surface cleaned up on March 16, 1966.



Kurt O. Linn
Kurt O. Linn
Geologist

KOL/mp